

Docket No.: 10354-00001-US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
John Humphrey et al.

Application No.: 10/517,224

Confirmation No.: 2593

Filed: December 8, 2004

Art Unit: 2857

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For: HARDWARE IMPLEMENTATION OF THE PSEUDO-SPECTRAL TIME-DOMAIN METHOD

Examiner: A. Gutierrez

**RESPONSE TO EX PARTE QUAYLE ACTION**

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Ex Parte Quayle Action, mailed March 12, 2007, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.